



◆ SPECIFICATION

|                           |  |
|---------------------------|--|
| <b>Model NO.</b>          | <b>S05</b>   |
| <b>System</b>             |  |
| Main Processor            | RV1109, Dual ARM Cortex-A7, NPU 1.2T   |
| Operating System          | Embedded LINUX   |
| RAM                       | DDR3 1GB   |
| ROM                       | EMMC 16GB  |
| <b>Screen</b>             |  |
| Dimensions                | 10.1 inch IPS HD LCD screen  |
| Resolution                | 800*1280   |
| <b>Camera</b>             |  |
| Type                      | 2MP camera   |
| Sensor                    | 1/2.9" GC2053  |
| Resolution                | NIR 1280*720@25fps   |
| Lens                      | 4.5mm  |
| <b>Camera</b>             |  |
| Type                      | Daily camera   |
| Sensor                    | 1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307  |
| Resolution                | Color 1920*1080@25fps  |
| Lens                      | 4.5mm  |
| <b>Face recognition</b>   |  |
| Detection Function        | Face Dection, Face Comparison, Mask Detection, Living Body Detection, Face Comparison(With Mask) |
| Face Recognition Distance | 0.5-2m   |
| Face Database Capacity    | Max support 30,000 faces   |
| Face Posture              | Vertical 60°, horizontal 35°   |
| Occlusion                 | Ordinary glasses and short fringe have no effect on recognition.                                 |

|                  |   |
|------------------|---|
| Expression       | Under normal circumstances, slight expressions do not affect recognition. |
| Response Speed   | About 200ms   |
| Face Exposure    | Support   |
| Local Storage    | Support storage of 50,000 records   |
| Recognition Area | Full screen recognition   |
| Upload Method    | TCP, HTTP, MQTT   |

## Network Functions

|                    |  |
|--------------------|--|
| Network Protocol   | IPv4, TCP/IP, HTTP, MQTT, RTSP, SMTP, NTP                            |
| Interface Protocol | Private protocol   |
| Security Mode      | Authorized password  |
| Event Linkage      | Voice broadcast, Abnormal event upload to the platform, Alarm Output |
| System Upgrade     | Support remote upgrade   |

## Accessories

|                       |   |
|-----------------------|---|
| Supplementary Light   | IR light, LED white light   |
| Identification Module | /   |
| Audio Out             | Built in Speaker support voice broadcast after successful recognition |
| Wi-Fi                 | 2.4G/5.8G Dual frequency, IEEE 802.11b/g/n, IEEE802.11a/ac            |
| Bluetooth             | /   |
| 4G(Optional)          | Support 4G function in China, Europe, Southeast Asia etc              |
| Alarm Indicator Light | Abnormal red light, Normal green light                                |

## Interface

|                         |                                  |
|-------------------------|----------------------------------|
| Network Interface       | RJ45 10M/100M Network Adaptation |
| Alarm Input             | /                                |
| Alarm Output            | Support 1 channel                |
| Relay Output            | Support                          |
| RS485                   | Support                          |
| Wiegand Interface       | Support Wiegand 26, 34 protocols |
| USB                     | 1*USB 2.0                        |
| TF Card Slot            | Support Max 512GB                |
| HDMI                    | /                                |
| Reset Key               | Support                          |
| Anti-disassembly Switch | /                                |

## General

|         |  |
|---------|--|
| Housing | Aluminum alloy, Ultra-white tempered glass panel, IP66 |
|---------|--|

|                                |  |
|--------------------------------|--|
| Operating Temperature          | -10 ° C ~ 50 ° C   |
| Working Humidity               | 10% -90% Non-condensing  |
| Storage Temperature            | -20 ° C ~ 50 ° C   |
| Storage Humidity               | 5% -95% Non-condensing   |
| Protection Level               | /  |
| Power Supply                   | DC12V, 2A  |
| Power Dissipation<br>(maximum) | 18 W   |
| Dimensions (mm)                | 149(W)*452.9(H)*78.2 (T)   |
| Bracket Size (mm)              | φ40*260.5mm(Bracket fixing hole size D=35mm)                       |
| Installation Method            | Desktop Installation/Gate machine Installation/Column Installation |

**Cantonk (guangzhou) Corporation Limited**

Add. :2#BUILDING,NO.728 KAICHUANG AVE.,ECONOMIC&TECHNOLOGICAL DEVELOPMENT ZONE,HUANGPU DISTRICT,GUANGZHOU,CHINA

Tel. No.: +86 20 66217288 Fax No.: +86 20 66217166 Homepage: <http://www.cantonk.com> Email: [info@cantonk.com](mailto:info@cantonk.com)